



GRANT RECIPIENT
INDIANA UNIVERSITY
NORTHWEST

YEAR
2010

COUNTY
PORTER

CATEGORY
APPLIED RESEARCH

GRANT AWARD
\$65,000

LOCAL SHARE
\$65,000



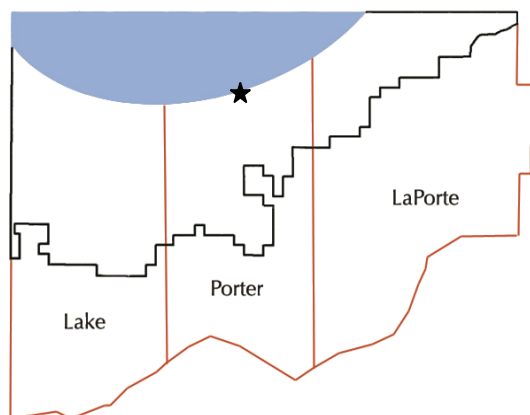
FOR MORE INFORMATION
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Beach Erosion and Dune Migration Along Southern Lake Michigan

This applied research project focused on contemporary and historical changes in coastal geomorphology, rates of beach erosion, sand movement, and coastal dune migration along the southern shores of Lake Michigan. The results of this research aspire to contribute to better understanding of geologic history and timing of dune development and dune reactivation, as well as textural and compositional properties of beach and dune sands. The project helped address several aspects of human impact in this pristine area and will help future planning and management efforts of National Park Service properties at Indiana Dunes National Lakeshore (IDNL) and DNR property at Indiana Dunes State Park (IDSP).

The study area for this project was located along Indiana's Lake Michigan shoreline, with focal points at Mt. Baldy dune and beach (IDNL), Big Blowout dune and beach on the northeastern end of IDSP, and blowout dune and beach on the southwestern end of IDSP, as well as other parts of the shoreline.



RESULT: Applied research project to better understand the local coastal geomorphology, dune migration, and dune development of the Indiana Dunes.